

H.264 Anti-Vandal Dome Network Camera

SNC-B5399

KEY Features

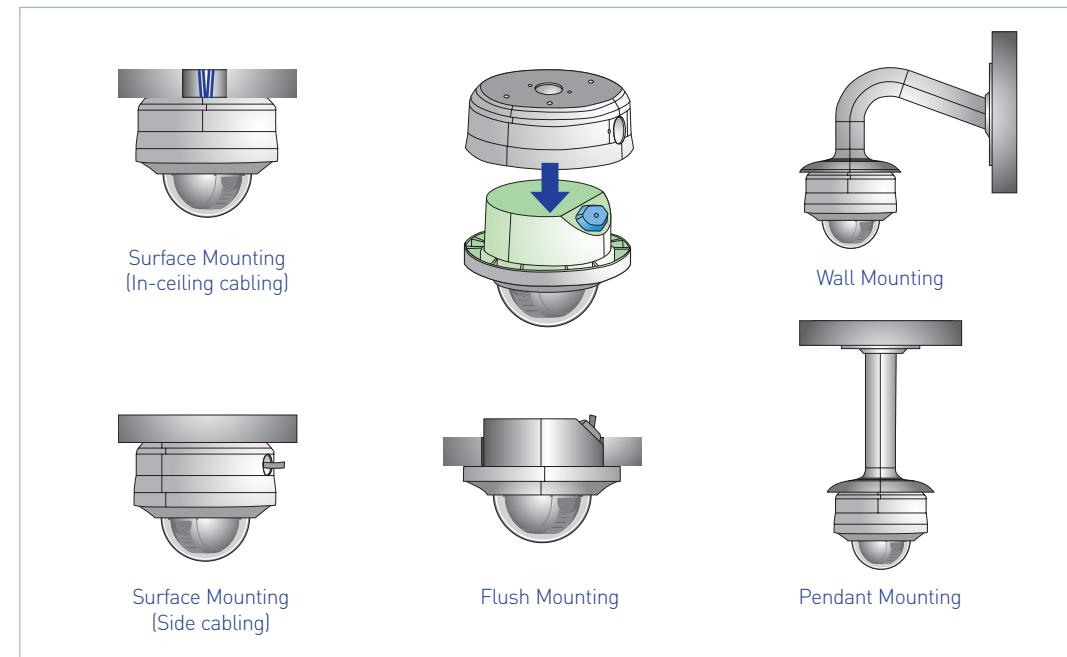
- Anti-Vandal Dome Housing (IP66 Grade)
- 2.8-11mm Vari-Focal Lens
- Fan/Heater built-in for Outdoor Installation
- Real-time 30(25)fps at High Resolution(4CIF)
- H.264, MPEG-4 & MJPEG Multiple Encoding
- Progressive Scan
- WDR (Wide Dynamic Range)
- True Day and Night Function (IR Cut Filter)
- Bi-directional Audio Support
- SD Memory Slot for Internal Recording
- Intelligent Video Analytics
- XDR (eXtended Dynamic Range)
- Motion Adaptive DNR (Dynamic Noise Reduction)
- Privacy Mask (12ea)
- DIS (Digital Image Stabilizer)
- PoE (Power over Ethernet)



Samsung Electronics NET-i



Variable Mounting Options



Mounting Accessories for SNC-B5399





Camera Specifications

ITEMS	SUB-ITEMS	SNC-B5399
Camera Type	Color/BW	Color
Image	Device	Super-HAD PS CCD
	Size	1/3 inch
	Scan	Progressive Scan (When WDR ON, Interlaced Scan)
	Pixels	Total NTSC : 811 x 508 / PAL : 795 x 596 Effective NTSC : 768 x 494 / PAL : 752 x 582
Scanning	Horizontal Frequency	Internal Mode NTSC : 15,734 Hz / PAL : 15,625 Hz Line-lock Mode NTSC : 15,750 Hz / PAL : 15,625 Hz
	Vertical Frequency	Internal Mode NTSC : 59.94 Hz / PAL : 50 Hz Line-lock Mode NTSC : 60 Hz / PAL : 50 Hz
Min. Scene Illumination @ F1.2	Color	Sens Off 0.12 Lux(15 IRE), 0.2 Lux(30 IRE), 0.4Lux(50 IRE) Sens Up 512x 0.00023 Lux(15 IRE), 0.0005 Lux(30 IRE), 0.0008Lux(50 IRE)
	B/W	Sens Off 0.012 Lux(15 IRE), 0.02 Lux(30 IRE), 0.04Lux(50 IRE) Sens Up 512x 0.000023 Lux(15 IRE), 0.00005 Lux(30 IRE), 0.00008Lux(50 IRE)
Functions (OSD Menu)	Number of Privacy Zone	12 [Polygonal Method]
	Day/Night	Color / BW / AUTO / EXT (IR Cut Filter)
	eXtended Dynamic Range(XDR)	Off/On [Level Setting]
	Wide Dynamic Range (WDR)	NTSC : Off/On [128x] / PAL : Off/On [160x]
	D-Zoom	1x ~ 16x [0.1x STEP]
	PIP	Off/On
	High Speed Shutter	NTSC : 1/60 ~ 1/10Ksec / PAL : 1/50 ~ 1/10Ksec
	Flickerless	Off/On
	Sens Up	2x ~ 512x
	BLC	Off/On [Area Setting]
	AGC	Off/On [Max.Level Setting]
	White Balance	ATW1/ATW2/AWC/MANUAL
	Digital Noise Reduction(DNR)	Off/On [Adaptive 3D+2D]
	Digital Image Stabilizer(DIS)	Off/On
	Camera ID	Off/On [Max.54ea/2Line]
	Etc. Function	Detail, Reverse[H/M], Posi/Nega
Resolution	Horizontal	600 TV Lines
	Vertical	350 TV Lines
Video Output	VBS 1.0Vp-p	VBS 1.0Vp-p
S/N Ratio	S/N Ratio	52 dB
Lens	Focal Length	2.8~11mm
	Zoom Ratio	3.9x
	Aperature Ratio	F1.2
	Viewing Angle	Tele 28.8°[H] x 21.6°[V] Wide 94.6°[H] x 68.4°[V]
	Lens Drive Type	AI (DC)
	Mount Type	Board Type
Environmental Conditions	Operating Temperature	-40°C ~ 50°C (Fan/Heater Built-in)
	Operating Humidity	Waterproof
Power	Power Requirement	AC24V, DC12V, PoE
	Power Consumption	Heater off [8W], Heater on [11W]
Physical Specification	Dimensions (WxHxD)	Net 134.5[H] x 160[ø]mm Package 178 x 168 x 178 mm
	Weight	Net 1,280 g Package 1,520 g
	Color	Body White
	Case	Aluminum (IP66)

Network Specifications

ITEMS	SUB-ITEMS	SNC-B5399
Network Board	OS	Embedded Linux
	Hardware	Flash memory 32M byte RAM 256M byte Ethernet RJ-45 (10/100BASE-T) Video Out VBS 1.0Vp-p Audio Line In / Line Out SD Memory Slot Yes (SD/SDHC) PoE Yes (IEEE802.3af)
Alarm	Input	2 ea
	Output	2 ea
Video	Compression	H.264 / MPEG4 / MJPEG Multiple Codec (H.264 / MPEG4 selectable) Simultaneous Dual Streaming
	Resolution	4CIF NTSC : 704x480 / PAL : 704x576 VGA 640x480 CIF NTSC : 352x240 / PAL : 352x288
	Frame Rate	NTSC : 30, 15, 8, 3, 1 fps / PAL : 25, 13, 6, 3, 1 fps
	Quality	1 ~ 10 level(CBR/VBR)
Audio	Compression	G.711
	Bi-Directional Communication	Yes
OSD	Camera Control and Adjustment	OSD menu on Video(Menu enter/exit, move by Web UI)
Motion Detection	Sensitivity and Area Setting	High, Medium, Low
Intelligent Video Analytics	Video Analytics	Scene Change, Virtual Line, Enter / Exit, Appear / Disappear
Protocol	IP	IPv4 / IPv6
	Network Protocol	TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS IPv6 TCP/IP, HTTP, HTTPS, SSL, DHCP
	Streaming	Unicast, Multicast
	Security	HTTPS(SSL) Login Authentication, Digest Login Authentication, IP Address Filtering
	DDNS	Supporting Samsung DDNS and Public DDNS services
Connection	Maximum User Access	Max 10 Users at Unicast Mode, Max 20 Users at Multicast Mode
	User Access Level	Administrator Live Monitoring, Alarm I/O control, OSD menu control, SETUP Operator Live Monitoring, Alarm I/O control User Live Monitoring
Event Management	Alarm Input	JPEG Image transfer : FTP
	Intelligent Video Detection	JPEG Image Recording : SD memory
	Motion Detection	Notification : notify to viewer or by E-mail (one image attachment), Alarm Out
	Schedule	JPEG Image transfer : FTP, E-mail JPEG Image Recording : SD memory
Web Browser Viewer(Default)	Supported OS	Windows XP, VISTA
	Supported Browser	Internet Explorer 6.0 or Higher
	UI Language	E/F/G/S/I/C/K
	S/W upgrade	Using Web viewer UI
Video Player	RTP/RTSP streaming	Quicktime, VLC player
	Video Management Software	Samsung NET-i, 3rd Party S/W application
Application	IP Installation	IP Installer Application for All Samsung IP Devices
SDK	HTTP API	Provides functionality to control cameras and set/retrieve internal parameter values. Get JPEG image or MJPEG stream, Alarm In/Out control
	RTP/RTSP API	RTP Header, RTSP Command Document
	ActiveX	ActiveX API for viewing data streams from Network camera